

# Need to improve hatch rates?

## ***Total Humidity Management for Incubators and Brooders***

***Incorrect incubation humidity is the No. 1 cause of poor hatching success. The Brinsea Automatic Humidity Management Module applies the latest technology to eradicate the problem. Simple to install, highly accurate and easy to use.***

The most common problems in incubation are the direct result of incorrect humidity levels.

Failures of embryos late in incubation ('death in shell' of the fully formed chick) or weak, wet chicks can be prevented with the use of the Brinsea Humidity Module.

All breeders looking to improve incubation management can apply the Humidity Management Module to enhance the results of their breeding programme of any species from parakeets to ostrich in most types of forced draught (fan assisted) incubators.

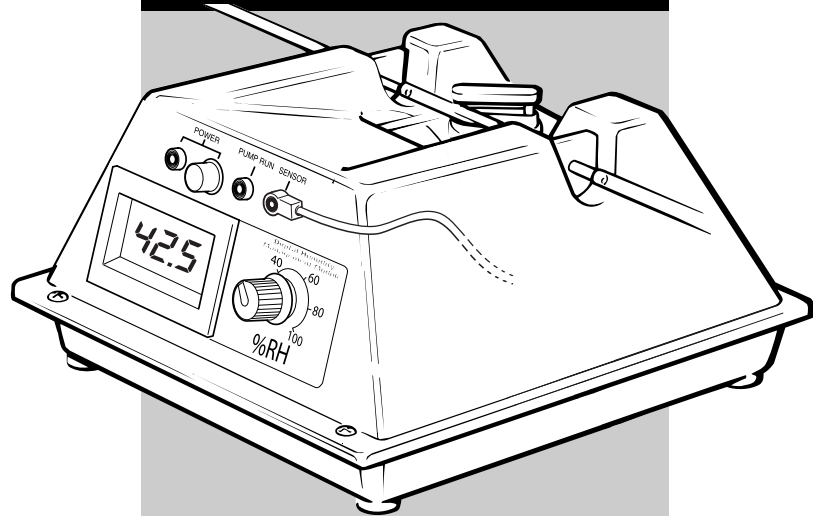
If the value of the eggs in your incubator regularly exceeds \$300 or you do not want to leave humidity to chance, the Humidity Management Module is for you.

We have built upon the strengths of the original H20 and incorporated a new high precision direct reading sensor to replace the wet bulb thermometer system. This improvement offers the refinement and stability of the original system with the simplicity and ease of use of our temperature controls.

The electronically controlled module provides both continuous digital display and control of the Relative Humidity (RH) in forced draught incubators. Simply adjust the dial to achieve the desired humidity level shown on the digital display and the unit will maintain that level, compensating for atmospheric changes, ventilation levels etc. giving the user full control of incubation humidity.

**AUTOMATIC HUMIDITY**

**MANAGEMENT SYSTEM**



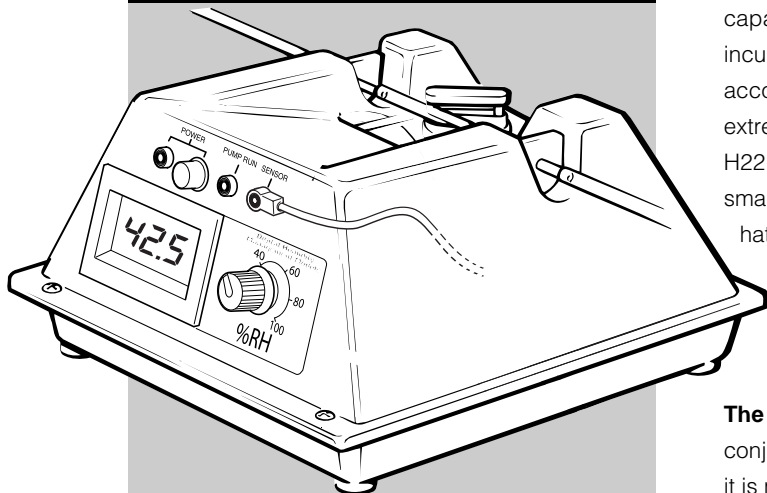
### **Models H22, H122 and H222**

- Continuous, accurate electronic control of incubator humidity
- Continuous display of % relative humidity
- In-built pump for transfer of water into the incubator
- Easily fitted to most makes of forced air (fan assisted) incubators from 10 to 1,000 eggs
- H22 stand alone unit for use with the Brinsea Octagon 20 incubator or others
- H122 Integrated unit for use only with the Brinsea Octagon 100 range of incubators
- H222 Special high output version for up to 10,000 eggs

# **Brinsea**

# AUTOMATIC HUMIDITY

# MANAGEMENT SYSTEM



## Specification

### Sensor:

Precision Bulk-polymer design

Accuracy: +/- 3%RH

Hysteresis: 0

Stabilisation time: 5 minutes

### Water Transfer:

In-built

Peristaltic Pump

Max flow rate: 33ml/hr (H22/H122)

240ml/hr (H222)

### Control Setting

#### & Metering:

Indicated in % RH  
(linear)

### Electrical supply:

H22 & H222 115vAC or 230vAC  
@ 6VA

H122 15vAC feed from  
temperature control  
module

### Dimensions:

6¾" wide x 8" deep  
x 4¾" high

The free-standing H22 version is designed to compliment the Brinsea Octagon 20 incubator or Parrot Rearing Module but can be used with any forced draught incubator up to about 1,000 hens eggs capacity. All Octagon 20 MkIII and Octagon 20 & 40 Digital incubators are fitted with a blank plate which is removed to accommodate the Humidity Management sensor unit making fitting extremely straightforward. The combination of Octagon 20 or 40 and H22 Humidity Management Module gives unbeatable control of a small incubation environment and is highly recommended where top hatch rates are demanded from small numbers of eggs.

A higher output H222 version is suitable for larger incubators up to approximately 10,000 hens eggs capacity.

The H122 model is identical in function but can only be used in conjunction with the Brinsea Octagon 100 and 250 incubators where it is mounted on the control rail.

In each version the sensor unit clips into a mounting bracket (supplied) which in turn is attached to the incubator wall. The sensor unit passes the signal of humidity level to the module which provides the readout and user controls. To achieve the desired humidity level the Control Module pumps water from a reservoir (not supplied) via the sensor unit and into the incubator. Changing position of the humidity control knob automatically alters the amount of water that is pumped into the incubator by the integral peristaltic pump until the new humidity level is achieved.

All units are calibrated before leaving the factory and a re-calibration service is available. Contact the service department at the address below.

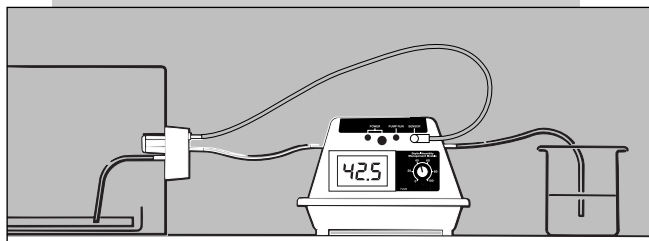
## **Brinsea Automatic Humidity Management Module... if you value your eggs, take no chances!**

### Guarantee

This product is fully guaranteed for 12 months from date of purchase. Should any fault arise, please consult your local distributor or Brinsea Service Department.

Consequential damage is specifically excluded.

*In order that we can continue our policy of innovation and improvement, we reserve the right to alter specification details without notice.*



# Brinsea

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